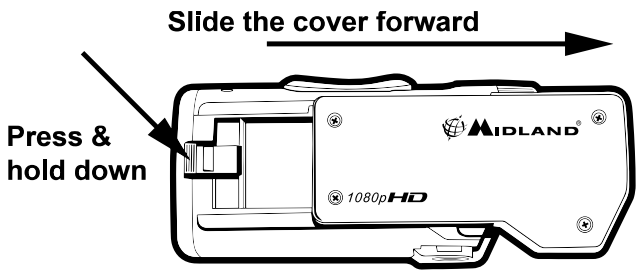
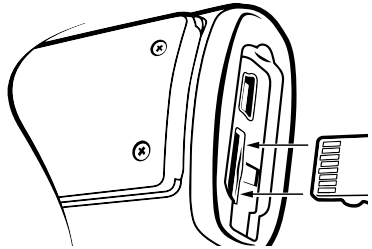
XTC

Quick Start Guide

1 ***Insert Battery*** **- Open battery door and install battery.**

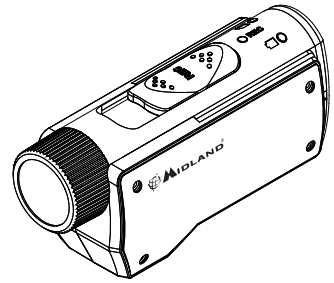


2 ***Install Micro SD Card*** **- Open & fold down rubber cover and insert Micro SD card. Close the rubber cover.**

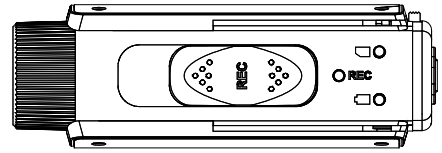


3 ***Mount Your Camera*** **- Mount the camera where needed on your helmet, handle bar, vehicle etc. with the mounts supplied or purchased.**

4 ***Record*** **- Slide the record switch forward. Recording starts in 8 seconds.**



5 ***Turn Off*** **- Once you have finished recording, slide the switch to the off position.**



6 ***Download & View Video*** **- To download video simply remove your Micro SD Card & plug it into your computer.**

You can also plug your camera into the computer and slide the REC switch to the ON position.

midlandusa.com

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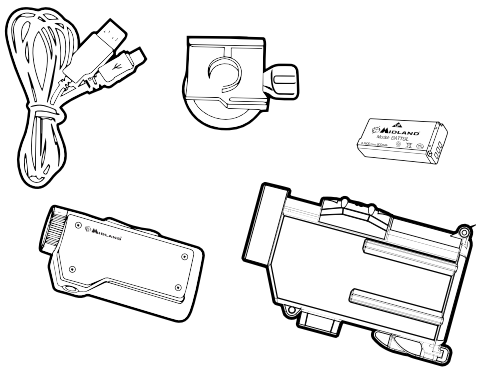
Welcome to the XTC Action Camera Experience

Thank you for purchasing the XTC285 Action Camera. We are proud to offer you the ultimate tool in capturing and recording your adventures. With easy to use one switch operation, 118° lens and 2 hour battery life, you never miss a minute of the action. Once captured, simply connect to your computer and upload the videos to share with friends. It is that simple. Enjoy!

What's in the Box



XTC285VP3 Package Includes:

1. Midland XTC285 Camera
2. Submersible Case
3. USB Cable
4. Lithium-Ion Battery Pack
5. Helmet Adhesive Mount
   (includes two 3M adhesive pads)

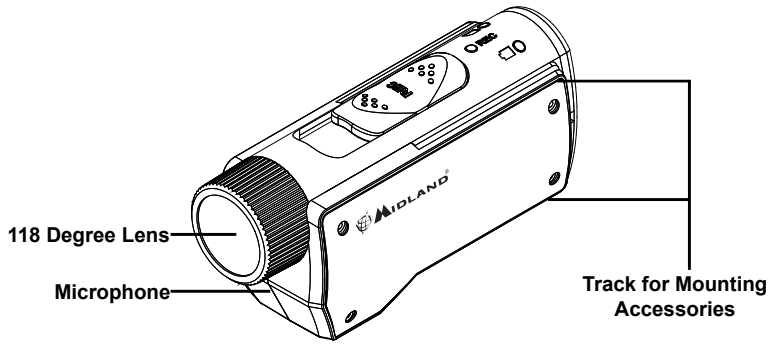
Features and Controls

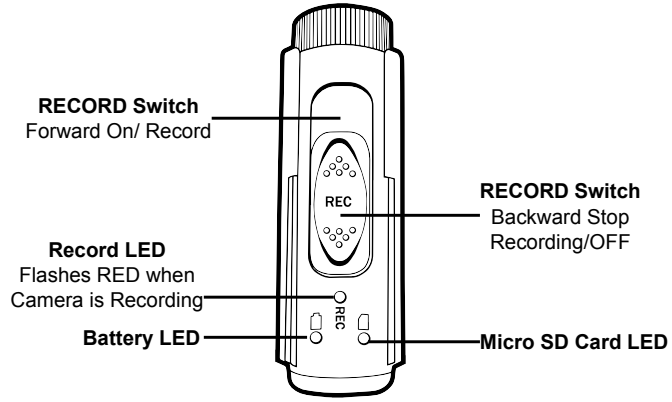
1080 Features:

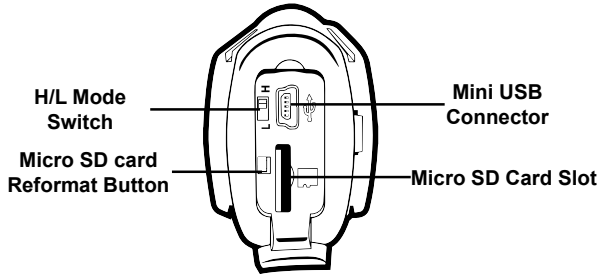
- 30 frames per second
- 118° lens
- 16:9 aspect ratio
- 1920 x 1080 (H) resolution
- Records as mp4
- Image Stabilization

720 Features:

- 60 frames per second
- 118° lens
- 16:9 aspect ratio
- 1280 x 720 (L) resolution
- Records as mp4
- Image Stabilization



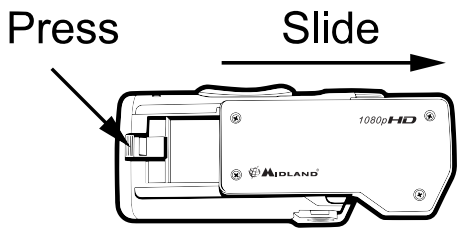




Getting to Know the Camera

Battery

1. To insert the battery, push down the battery door latch on the right side of the camera. Door will release. Push forward to remove.
2. Install Lithium-Ion battery.
3. Return battery door and click into place.

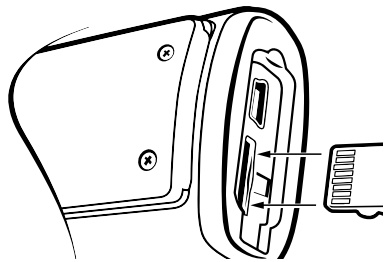


Battery Status Indicator	Meaning
Solid Green	Indicates full battery life
Blinking Green	Battery is charging
Solid Red	Indicates half battery life
Blinking Red*	Indicates low battery life
No Light	Battery is dead

*Note: When the red battery LED begins blinking, be prepared to charge the battery because the camera will stop recording at this point.

Micro SD Card

1. Open and fold down the back rubber cover.
2. Insert Micro SD card into slot observing proper direction (shown below).
3. Return rubber flap into place.



Getting to Know the Camera

Recording

1. Move the RECORD switch forward. This turns the camera on.
2. The battery indicator will light from red to green. The Micro SD card indicator will light green. The record indictor will begin flashing red after 8 seconds. This indicates the camera is capturing video.
3. To stop recording, move the RECORD switch back to the off position.
   Note: The camera will continue recording for 3 seconds after toggling the switch to the off position.

Micro SD Card LED Status	Meaning
Green	1 GB or more available.
Orange	512 MB to 1 GB available.
Red	Below 512 MB available or no Micro SD card installed.
Flashing Red	Cannot read the card.
Flashing Green	Indicates card has been reformatted.

*Note: Requires Class 4 or higher Micro SD card

Memory Size	720 Record Time	1080 Record Time
512 MB	6.5 Minutes	5.5 Minutes
1 GB	13 Minutes	11 Minutes
2 GB	26 Minutes	22 Minutes
4 GB	52 Minutes	44 Minutes
8 GB	104 Minutes	88 Minutes
16 GB	208 Minutes	176 Minutes
32 GB	416 Minutes	352 Minutes

*Note: The camera automatically splits the video into 2 GB segments.

Image Stabilization

The XTC285 uses Digital Image Stabilization (DIS) to visually stabilize the video from a shaking or vibrating camera.

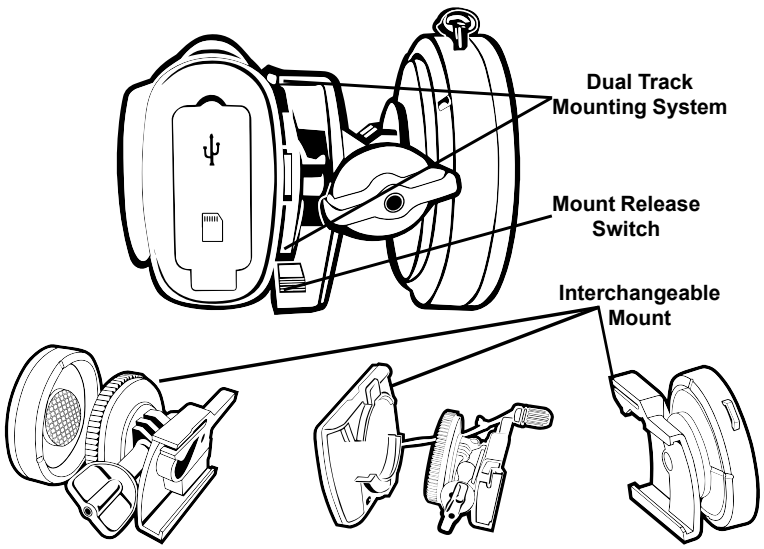
Camera Mounting and Aiming

Mount on Dual Track System

The XTC285 was designed with an innovative identical dual track mount system on both sides of the camera. This allows you to mount it on either side of a helmet with ease. In addition, the interchangeable mount piece can be moved from the helmet mount to the goggle mount. This eliminates the hassle of having to remount the camera every time.

To mount the camera on the interchangeable mount piece, slide the camera onto the dual track system with the two notches on the mount facing toward the back of the camera.

To detach the camera from the interchangeable mount, hold the camera with the lens facing away from you. Press down the mount release switch and pull the mount toward you.



Aiming the Camera when mounted with the dual track mount:
When mounting the camera on a helmet, you must do the following:

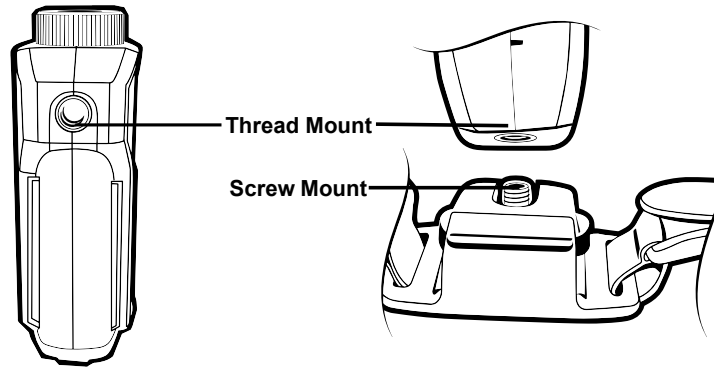
1. Consider what you would like to shoot and mount the camera accordingly- left side, right side or top.
2. Find a flat surface and ensure the area is clean of dirt and debris. Remove the cover of the adhesive pad and adhere to the helmet.
3. Once attached, adjust the camera to be sure you are not filming the sky or the ground.

Camera Mounting and Aiming

Mount using the Thread Mount

On the bottom of the XTC285 is a standard thread mount that allows the camera to be mounted to a tripod or other fixture with a 1/4-20 (1/4" diameter, 20 threads per inch) 5/16 deep thread. For example, the vented helmet strap mount is a screw type mount. To affix the camera, insert the screw on the mount into the camera thread and rotate the camera clockwise to tighten down onto the screw.

Over tightening may cause damage to the mount and/or camera



Aiming the Camera when mounted with the thread mount:
When mounting the camera on the handlebars of a bike or with the vented helmet strap mount, follow these steps:

1. Consider what you would like to shoot and mount accordingly.
2. Once attached, make sure that the camera is aimed straight and not toward the ground or at the sky.

Reformatting the Micro SD card

Ensure battery is fully charged before formatting

The Micro SD card can be reformatted while in the camera. This allows you to delete all the videos at one time. Follow these steps:

1. Move the RECORD switch to the Forward On / Record position.
2. When the battery indicator turns green, press and hold the Micro SD card reformat button.
3. Keep holding the Micro SD card reformat button down until the record indicator turns off and the Micro SD card indicator begins blinking green.
4. Move the RECORD switch to the off position.

   Note: The camera cannot reformat the Micro SD card if the low battery light is on.

Compatible Systems

The XTC285 can be used on both a PC or MAC. Below are the compatible operating systems:

Windows XP SP2, Vista, 7, 8
Macintosh OSX 10.4 and higher

For Windows we recommend Windows Media Player 10 or higher.
For Macintosh we recommend Quick Time 6.5 or higher.

Downloading Videos

There is no need to install any software with the XTC285. It is a plug and play device. To download video, follow the below instructions depending upon whether you have a PC or a MAC.

Downloading Videos on a PC with a WINDOWS Operating System

1. Connect the camera to the USB port using the included cable.
2. Turn the camera on by moving the RECORD switch to the Forward On / Record position.
3. The device should automatically install.
4. Operating system
   a. Windows XP
      i. Open “My Computer”. The camera will be listed under devices with removable storage.
   b. Windows Vista
      i. Open “Computer”. The camera will be listed under devices with removable storage.
   c. Windows 7
      i. Open “Computer”. The camera will be listed under devices with removable storage.
   d. Windows 8
      i. From the desktop, open the File Explorer. The camera will be listed under devices with removable stoarge
5. Click on the device.
6. Open DCIM Folder.
7. Open 100MEDIA folder.
8. Your videos will be in this folder.

Downloading Videos

Downloading Videos on a MAC

1. Connect the camera to the USB port using the included cable.
2. Turn the camera on by moving the RECORD switch to the Forward On / Record position.
3. MAC should automatically recognize the camera external hard drive.
4. Click on the icon on the desktop.
5. Open DCIM Folder.
6. Open 100MEDIA folder.
7. Your videos will be in this folder.
8. Drag video files to your hard drive or double click to view.

Minimum System Requirements

	720 video	1080 video
Processor	3.0 GHz or faster	3.2 GHz or faster
Ram	1 GB or greater	2 GB or greater
Video Card	128 MB or greater	128 MB or greater

Video playback requires H.264 codec. To obtain more information go to midlandusa.com

Tips and Tricks

Problem	Solution
Batteries	
Camera not turning on	Make sure battery is fully charged.
Recording	
Camera not recording	Make sure the switch is pushed all the way forward. If the record LED does not come on, turn off the device and reinstall the battery. Verify available memory.
Micro SD card	
Micro SD card not reading	Ensure the Micro SD card is inserted properly. Plug camera into the computer to verify it has available storage. Attempt formatting process.
Video Playback	
Slow or choppy video	Verify the camera is plugged into a USB 2.0 device. Remove other unused USB devices. Transfer video to computer before viewing. Verify computer meets minimum requirements. Verify proper codec is installed.

Tips and Tricks

Problem	Solution
Video Downloading	
Slow data transfer	Verify the camera is plugged into a USB 2.0 device. If registering as 1.1, unplug and the re-plug the device. Remove other unused USB devices.
Computer does not recognize camera	Ensure record switch is in the Forward On / Record position while connected to computer. Ensure the Micro SD card is inserted properly. Micro SD card may be corrupted. Attempt formatting process.
File won't transfer off memory card	In the run command type: chkdsk *volume*:/f then press enter
Sound	
Excessive Wind Noise	Place piece of tape over microphone hole. Try using the submersible case

FCC Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by MIDLAND RADIO CORPORATION could void the user's authority to operate the equipment. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with instructions, it may cause harmful interference to radio communications. There is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.
Increase separation between equipment and receiver.
Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
Consult the dealer or an experienced radio/TV technician for help

Service

If you have a problem which you believe requires service, please first check the FAQ section of the website, check your Owner's Manual, or call and speak with a service technician. Many problems can be remedied without returning the unit for service. If necessary, return as follows:

Pack the unit in its original box and packing. Then pack the original box in a suitable shipping carton. Caution: Improper packing may result in damage during shipment.

Include the following:

a. Full description of any problems

b. Daytime telephone number, name & address

For warranty service include a photocopy of the bill of sale from an authorized dealer or other proof of purchase showing the date of sale.

You do not need to return accessory items (AC/DC Adapter, Batteries, and Owners Guide) unless they might be directly related to the problem.

Repairs not covered by warranty or units that are over ONE year old are subject to a repair fee. Please call for a quote on repair service cost at 816-241-8500. Send only cashier's check, money order, Master Card or Visa card number.

Midland Radio Corporation
5900 Parretta Drive
Kansas City, Missouri 64120
Phone: (816) 241-8500
Fax: (816) 241-5713
E-mail: mail@midlandradio.com

LIMITED WARRANTY
(United States and Canada)

Subject to the exclusions set forth below, Midland Radio Corporation will repair or replace, at its option without charge, any Midland XTC Action Camera which fails due to a defect in material or workmanship within Three Years following the initial consumer purchase.

This warranty does not apply to water damage, battery leak, abuse or misuse of unauthorized accessories, unauthorized service or modification or altered products. Accessories have a 90 day warranty from date of purchase, including any chargers, mounts, and cables.

This warranty does not include the cost of labor for removal or re-installation of the product in a vehicle or other mounting.

ANY IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED AS SET FORTH HEREIN AND TO THE DURATION OF THE LIMITED WARRANTY, OTHERWISE THE REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL MIDLAND BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING BUT NOT LIMITED TO NEGLIGENCE, GROSS NEGLIGENCE, BODILY INJURY, PROPERTY DAMAGE AND DEATH) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT OR ACCESSORY, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS OR ACCESSORIES TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

For Product Purchased in the USA:
Performance of any obligation under this warranty may be obtained by returning the warranted product, prepaid freight, along with proof of purchase to:

Midland Radio Corporation
Warranty Service Department
5900 Parretta Drive
Kansas City, MO 64120

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Note: The above warranty applies only to merchandise purchased in the United States of America or any of the territories or possessions thereof, or from a U.S. Military exchange.

For Product Purchased in Canada:
Performance of any obligation under this warranty may be obtained by returning the warranted product, along with proof of purchase, to your place of purchase in Canada.

This warranty gives you specified legal rights. Additional warranty rights may be provided by law in some within Canada.

Accessories

Accessories can be purchased at midlandusa.com or by filling in the form on the following page and mailing it to our address.

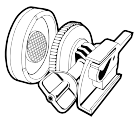
XTA101

Windshield Suction Cup Mount
- Durable suction cup can be attached to most surfaces
- $29.99

XTA102

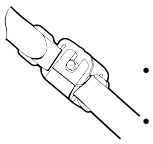
Handlebar Mount
- Durable strap mount fits all sizes of handlebars.
- $19.99

XTA103



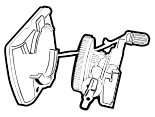
Standard Mount
- Heavy duty adhesive mount for helmets.
- $19.99

XTA104



Vented Helmet Strap Mount
- Velcro strap mounts on vented helmets.
- $14.99

XTA105



Goggle Mount
- Mounts on the strap of goggles.
- $19.99

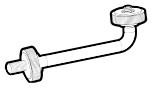
XTA106

Tree Mount
- Mount can be screwed into a tree at many different angles.
- $19.99

XTA107

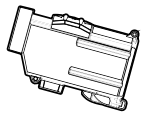
Visor Mount
- Clips onto the bill of a hat.
- $19.99

XTA108



Bow Mount
- Screws into the stabilizer on a bow.
- $19.99

XTA303



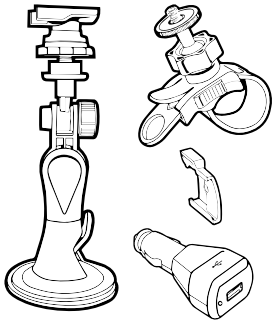
Submersible Case
- Watertight case allows for underwater use of the camera.
- Has double track mount system so camera can still be used with accessories.
- $29.99

BATT9L

XTC285 Battery
- 900mA Lithium-Ion Battery Pack.
- $29.99

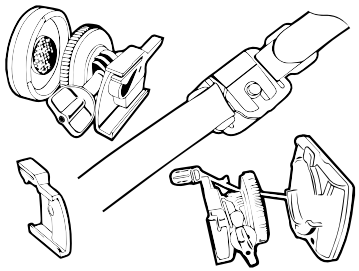
Accessory Value Packs

XTAVP1



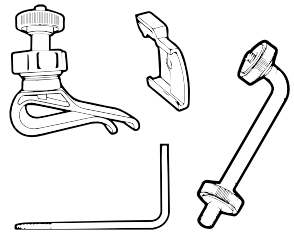
Includes:
- Window Suction Cup Mount
- Handlebar Mount
- DC Adapter
- Threaded to Slide Adapter
- $59.99

XTAVP2



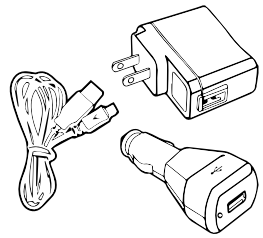
Includes:
- Goggle Mount
- Helmet Mount
- Strap Mount
- Threaded to Slide Adapter
- $49.99

XTAVP3



Includes:
- Visor Mount
- Bow Mount
- Tree Mount
- Threaded to Slide Adapter
- $49.99

XTAVP4



Includes:
- USB cable
- DC Adapter (Car Charger)
- AC Adapter (Wall Charger)
- $49.99

Accessories Order Form

Please send Money Order or fill in the Visa/Master Card information and mail to the address below.
Please DO NOT send cash or checks. Make Money Order to Midland Radio Corporation.

Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Telephone: _____ E-mail: _____

Credit Card# _____ Type: _____ Exp: _____

QTY	ITEM	DESCRIPTION	PRICE	TOTAL
	XTA101	Window Suction Cup Mount	$29.99	
	XTA102	Handlebar Mount	$19.99	
	XTA103	Standard Helmet Mount with 2 3M Pads	$19.99	
	XTA104	Vented Helmet Strap Mount	$14.99	
	XTA105	Goggle Mount	$19.99	
	XTA106	Tree Mount	$19.99	
	XTA107	Visor Mount	$19.99	
	XTA108	Bow Mount	$19.99	
	XTA303	Submersible Case for XTC285 series	$29.99	
	XTA113	Surfboard Mount	$59.99	
	XTA114	Head Strap Mount	$49.99	
	XTA115	Picatinny Rail Mount	$49.99	
	BATT9L	900 mA Lithium-Ion Battery	$29.99	

Mail To:
Midland Radio Corporation
Consumer Dept.
5900 Parretta Drive
Kansas City, MO 64120

Or Call 816.241.8500

Sub-total _____
Tax (MO, FL, WA Only) _____
S&H **$14.95**
(Applies to Domestic US only. For Hawaii, Alaska, and Puerto Rico S&H will be $38.25 for 1 lb. and $64.25 for 2 lb. or more).

Total $ _____

To order online go to www.midlandusa.com

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Weather Radios

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HD Wearable Video Cameras

Marine Radios

Emergency Crank Radios

CB Radios

Check out these and other great products at
midlandusa.com

MIDLAND RADIO CORPORATION
5900 Parretta Drive
Kansas City, MO 64120
Call 816.241.8500

We'd love to hear from you! Let us know what you think of your new Midland product at

or by visiting us at

midlandusa.com

Note: Features & Specifications are subject to change without notice. MIDLAND is not responsible for unintentional errors or omissions on its packaging.